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THESIS

THE STATUS OF GIRLS' PHYSICAL EDUCATION IN THE PUBLIC HIGH SCHOOLS OF MASSACHUSETTS

Submitted By

OLIVE ANNE NOLAN

B. S. In Physical Education, Boston University, CPES
May, 1947

In partial fulfillment of requirements
for the degree of Master of Education

AUGUST, 1948

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CHAPTER I

Significance of Problem:

Physical Education is fast becoming a more and more important phase of general education. In order to keep abreast of the changes in the field to meet the rising needs of the children, it is important to have good state legislation. The significance of this problem may be summarized in the following quotation of the Massachusetts' Laws on Education pertaining to Physical Education. It is as follows:

Section 1--(As amended, 1921, 360, 1923, 222,)

Maintenance of Public Schools

"Every town shall maintain, for at least 160 days in each school year unless specifically exempted as to any one year by the department of education, in this chapter called the department, a sufficient number of schools for the instruction of all children who may legally attend a public school therein. Such schools shall be taught by teachers of competent ability, and good morals, and shall give instruction and training in orthography, reading, writing, the English language and grammar, geography, arithmetic, drawing, the history and constitution of the United States, the duties of citizenship, physiology and hygiene, good behavior, indoor and outdoor games and athletic exercise. In connection with physiology and hygiene, instruction as to the effects of alcoholic drinks and of stimulants and narcotics on the human system, and as to tuberculosis and its prevention, shall be given to all pupils in all schools under public control, except schools maintained solely for instruction in particular branches. Such other subjects as the school committee considers expedient may be taught in the public schools.

Section 3--(As amended, 1932)

Military Drill, Gymnastics

"The exercises in the public schools may include calisthenics, gymnastics and military drill, but no pupil shall be required to take part in any military exercise if his parent or guardian is of any reli-

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gious denomination conscientiously opposed to bearing arms, or is himself so opposed, and the school committee is so notified in writing, or if a physician of good standing certifies in writing that in his opinion such exercises would be injurious to the pupil."

Purpose of the Study:

The purpose of this study is to reveal the general status of girls' physical education in the public high schools of this state. This information will be given to the committee working on the Massachusetts' State Law for the Massachusetts Society of Health, Physical Education, and Recreation. It is hoped that this information will give them a clearer picture of the status of girls' physical education and aid the committee in making recommendations.

Source and Method of Securing Data:

Two hundred and fifty-two public high schools in Massachusetts were included in this survey. A questionnaire was sent to the Instructor of Physical Education for Girls in each public high school. A personal letter of explanation accompanied each questionnaire. A stamped, self-addressed envelope was also enclosed. Of the 252 high schools included in this survey, 153 high schools returned the questionnaire. Therefore, this thesis is based on a 61 per cent return.

The returned questionnaires have been divided into four sections; namely, schools of less than 200 pupils; schools

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The returned questionnaires have been divided into four sections; namely, schools of less than 200 pupils; schools

that have 200 - 500 pupils; schools that have 500 - 1000 pupils; schools that have over 1000 pupils enrolled. The purpose of this division was to show the varying conditions in the different sized schools. A summary of the total number of returned questionnaires will appear in the concluding chapter.

CHAPTER II

SCHOOLS WITH AN ENROLLMENT OF LESS THAN 200 PUPILS

Forty-one schools returned the questionnaire in this section. Twenty-four schools conduct a required program of physical education for girls. Seventeen schools in this section do not conduct a required program of physical education for girls. Fifty-nine per cent have a required program, while forty-one per cent do not have a program.

TABLE I

Number and Per Cent of Schools that Do or Do Not Have a Required Program of Physical Education for Girls

	Number	Per Cent
Have a Required Program	24	59%
Do Not Have a Required Program	17	41%
Totals	41	100%

Elective Program:

No school maintains an elective program. Therefore, one hundred per cent do not maintain an elective program.

Required Physical Education:

Twenty-three schools reported having physical education required during each year of high school. Eighteen schools do not have physical education required during each year of high school.

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Twenty-three schools reported having physical education required during each year of high school. Eighteen schools do not have physical education required during each year of high school.

Seven of these eighteen schools maintain no program, while eleven report that it is not required.

TABLE II

A

Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	23	56%
Not Required each year	18	44%
Totals	41	100%

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
No Program	7	39%
Not Required	11	61%
Totals	18	100%

TABLE II

C

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is required	9	38%
Credit is not required	13	54%
Did not answer	2	8%
Totals	24	100%

Seven of these eighteen schools maintain no program, while eleven report that it is not required.

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Credit is not required	13	54%
Did not answer	2	8%
Totals	24	100%

Classification:

Thirteen schools classify the girls by grade level. Eleven schools report that their classes are composed of a mixture of all grade and age levels.

TABLE III

Classification of Girls

	Number	Per Cent
Grade Level	13	54%
Mixed Classes	11	46%
Totals	24	100%

Average Number and Length of Periods:

Two periods a week is the average number of periods required. Forty-six minutes is the average length of a required period.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
1	3	12.5%	30	2	8.3%
2	16	66.6%	40	6	24.9%
3	3	12.5%	45	7	29.3%
5	1	4.2%	50	5	20.8%
1 dble	1	4.2%	55	1	4.2%
			60	2	8.3%
			80	1	4.2%
	24	100%		24	100%

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2	16	66.6%	40	6	24.9%
3	3	12.5%	45	7	29.3%
5	1	4.2%	50	5	20.8%
1 daily	1	4.2%	55	1	4.2%
			60	2	8.3%
			80	1	4.2%
	24	100%		24	100%

Health Education:

Four schools reported that health education is scheduled during the physical education periods. Nineteen schools do not have health education scheduled during the physical education periods. One school failed to answer the question.

TABLE V

Number and Per Cent of Schools That Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Scheduled	4	17%
Not Scheduled	19	79%
No Answer	1	4%
Totals	24	100%

Average Number of Pupils in Smallest and Largest Classes:

The average number of pupils in the largest classes is thirty-one. Seventeen pupils is the average number in the smallest classes.

TABLE VI

Number and Per Cent of Pupils in the Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
14 - 16	1	4%	5 - 7	2	10.5%
17 - 19	0	0	8 - 10	3	15.8%
20 - 22	1	4%	11 - 13	2	10.5%
23 - 25	3	13%	14 - 16	2	10.5%
26 - 28	6	25%	17 - 19	3	15.8%
29 - 31	6	25%	20 - 22	3	15.8%
32 - 34	1	4%	23 - 25	3	15.8%
35 - 37	0	0	26 - 28	0	0

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14 - 18	1	4%	5 - 7	2	10.5%
17 - 19	0	0	8 - 10	3	15.8%
20 - 22	1	4%	11 - 13	2	10.5%
23 - 25	3	13%	14 - 16	2	10.5%
26 - 28	6	25%	17 - 19	3	15.8%
29 - 31	6	25%	20 - 22	3	15.8%
32 - 34	1	4%	23 - 25	3	15.8%
35 - 37	0	0	26 - 28	0	0

TABLE VI
Continued
Number and Per Cent of Pupils in the Largest and Smallest Classes In Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
38 - 40	3	13%	29 - 31	0	0
41 - 43	0	0	32 - 34	0	0
44 - 46	1	4%	35 - 37	0	0
47 - 49	2	8%	38 - 40	1	5.3%
	24	100%		19	100%

Physical Examinations:

Twenty-seven schools require each girl to have a physical examination each year before participating in the physical education program. The girls are not required to have a physical examination in five schools. Three schools failed to answer this question.

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	27	77%
Do Not Require A Physical Examination	5	14%
No Answer	3	9%
Totals	35	100%

Showers:

In twenty schools, there are shower facilities. Fifteen schools do not have shower facilities.

TABLE VI
Continued

Number and Per Cent of Pupils in the Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
38 - 40	3	13%	29 - 31	0	0
41 - 43	0	0	32 - 34	0	0
44 - 46	1	4%	35 - 37	0	0
47 - 49	2	8%	38 - 40	1	5.2%
	24	100%		19	100%

Physical Examinations:

Twenty-seven schools require each girl to have a physical examination each year before participating in the physical education program. The girls are not required to have a physical examination in five schools. Three schools failed to answer this question.

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	27	77%
Do Not Require A Physical Examination	5	14%
No Answer	3	9%
Totals	35	100%

Showers:

In twenty schools, there are shower facilities. Fifteen schools do not have shower facilities.

Only four schools require the girls to take showers after each physical education class. The girls are not required to take showers in twenty schools.

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	20	57%
Do Not Have Shower Facilities	15	43%
Totals	35	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	4	17%
Do Not Require Showers	20	83%
Totals	24	100%

After School Activities:

After school activities are offered on an average of two days a week.

Only four schools require the girls to take showers after each physical education class. The girls are not required to take showers in twenty schools.

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	20	57%
Do Not Have Shower Facilities	15	43%
Totals	35	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	4	17%
Do Not Require Showers	20	83%
Totals	24	100%

After School Activities:

After school activities are offered on an average of two days a week.

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	3	9%
1	2	6%
2	7	20%
2 - 3	3	9%
3	6	17%
4	4	11%
4 - 5	1	2%
5	2	6%
No Answer	7	20%
	35	100%

Interscholastic and Intramural Programs:

Seventeen schools conduct an intramural program and seventeen do not. One school failed to answer this question.

In thirty-three schools, there is an interscholastic program. Two schools do not maintain an interscholastic program.

Four schools excuse girls from physical education for that particular season if they are on varsity teams. In eighteen schools the girls are not excused. Two schools did not answer this question.

TABLE X

A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	17	48.6%
Do Not Have an Intramural Program	17	48.6%
No Answer	1	2.8%
	35	100%

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	3	9%
1	2	6%
2	7	20%
2 - 3	3	9%
3	6	17%
4	4	11%
4 - 5	1	2%
5	2	6%
No Answer	7	20%
	35	100%

Interscholastic and Intramural Programs:

Seventeen schools conduct an intramural program and seventeen do not. One school failed to answer this question.

In thirty-three schools, there is an interscholastic program. Two schools do not maintain an interscholastic program.

Four schools excuse girls from physical education for that particular season if they are on varsity teams. In eight-een schools the girls are not excused. Two schools did not answer this question.

TABLE X

A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	17	46.6%
Do Not Have an Intramural Program	17	48.6%
No Answer	1	2.8%
	35	100%

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	33	94%
Do Not Have an Interscholastic Program	2	6%
Totals	35	100%

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education For That Season

	Number	Per Cent
Are Excused from Physical Education	4	17%
Are Not Excused from Physical Education	18	75%
No Answer	2	8%
Totals	24	100%

Extra Compensation for Coaching:

There are fifteen schools where women coaches receive extra compensation and nineteen schools where they do not receive extra compensation. One school failed to answer.

Only four schools give women coaches a lighter teaching program in place of extra compensation. Fourteen schools

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Intersscholastic Program

	Number	Per Cent
Have an Intersscholastic Program	53	94%
Do Not Have an Intersscholastic Program	2	6%
Totals	55	100%

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education For That Season

	Number	Per Cent
Are Excused from Physical Education	4	17%
Are Not Excused from Physical Education	18	75%
No Answer	2	8%
Totals	24	100%

Extra Compensation for Coaching:

There are fifteen schools where women coaches receive extra compensation and nineteen schools where they do not receive extra compensation. One school failed to answer.

Only four schools give women coaches a lighter teaching program in place of extra compensation. Fourteen schools

do not give the women coaches either extra compensation or a lighter teaching program. One school did not answer this question.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	15	43%
Do Not Give Extra Compensation	19	54%
No Answer	1	3%
Totals	35	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Program To Women Coaches

	Number	Per Cent
Have A Lighter Teaching Program	4	21%
Do Not Have A Lighter Teaching Program	14	74%
No Answer	1	5%
Totals	19	100%

Average Number of Teachers and Teaching Hours:

There is an average of one teacher in the physical education departments in the high schools of this size.

do not give the women coaches either extra compensation or a lighter teaching program. One school did not answer this question.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	15	45%
Do Not Give Extra Compensation	19	54%
No Answer	1	3%
Totals	35	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Program To Women Coaches

	Number	Per Cent
Have A Lighter Teaching Program	4	21%
Do Not Have A Lighter Teaching Program	14	74%
No Answer	1	5%
Totals	19	100%

Average Number of Teachers and Teaching Hours:

There is an average of one teacher in the physical education departments in the high schools of this size.

In three schools, men teach girls' physical education.

The average number of teaching hours per woman teacher in the physical education department is eleven hours a week.

TABLE XII A

Number and Per Cent of Teachers In The Physical Education Department

No. of Teachers	No. of Schools	Per Cent
0	3	13%
1	20	83%
2	1	4%
	24	100%

TABLE XII B

Number and Per Cent of Teaching Hours Per Week

Number of Teaching Hours	No. of Schools	Per Cent
0 - 4	7	29.1%
5 - 9	5	20.8%
10 - 14	1	4.2%
15 - 19	3	12.6%
20 - 24	2	8.3%
25 - 29	1	4.2%
30 - 34	2	8.3%
35 - 39	1	4.2%
No Answer	2	8.3%
	24	100%

Professional Courses:

In nineteen schools, the physical education teachers have taken professional courses in physical education. There are eight schools in which the teachers have not taken any

In three schools, men teach girls' physical education.

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Number and Per Cent of Teaching Hours Per Week

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5 - 9	5	20.8%
10 - 14	1	4.2%
15 - 19	3	12.5%
20 - 24	2	8.3%
25 - 29	1	4.2%
30 - 34	2	8.3%
35 - 39	1	4.2%
No Answer	2	8.3%
	24	100%

Professional Courses:

In nineteen schools, the physical education teachers have taken professional courses in physical education. There are eight schools in which the teachers have not taken any

professional courses. The teachers in eight schools failed to answer this question.

TABLE XIII

A

Number and Per Cent of Teachers That Have or Have Not Taken Professional Courses In Physical Education

	Number	Per Cent
Have Taken Courses	19	54%
Have Not Taken Courses	8	23%
No Answer	8	23%
Totals	35	100%

TABLE XIII

B

Number and Per Cent of Teachers That Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
0	8	22.9%
2	1	2.9%
4	2	5.7%
6	2	5.7%
7	1	2.9%
8	3	8.6%
9½	1	2.9%
30	2	5.7%
98	1	2.9%
100	1	2.9%
Sargent Grad.	1	2.9%
Major in P. E.	4	11.1%
No Answer	8	22.9%
	35	100%

professional courses. The teachers in eight schools failed to answer this question.

TABLE XIII

A

Number and Per Cent of Teachers That Have or Have Not Taken Professional Courses in Physical Education

	Number	Per Cent
Have Taken Courses	19	54%
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Number and Per Cent of Teachers That Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
0	8	22.9%
2	1	2.9%
4	2	5.7%
6	2	5.7%
7	1	2.9%
8	3	8.6%
9	1	2.9%
30	2	5.7%
88	1	2.9%
100	1	2.9%
Department Grad. Major in P. E.	1	2.9%
No Answer	4	11.4%
	8	22.9%
	35	100%

Degrees:

Thirty-one teachers have degrees. One teacher has no degree and three teachers did not state what degree they possessed.

Twenty-seven teachers have a Bachelor's Degree, while only four teachers have a Master's Degree.

One teacher reported that she has a Master's Degree but failed to say what previous degree she holds.

TABLE XIV

A

Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
Have a Degree	31	88.5%
Do Not Have a Degree	1	2.9%
No Answer	3	8.6%
Totals	35	100%

TABLE XIV

B

Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers		Per Cent	
B.S. in Ed.	11		31%	
B.S. in P.E.	6		17.1%	
B.S.	1		2.9%	
A.B.	8		22.9%	
B.S. in Com'l Ed.	1		2.9%	
B.S. in Ed.; Ed.M.	1		2.9%	
B.S. in P.E.;Ed.M.	1		2.9%	
B.S. in Ed.;A.M. Ed.	1		2.9%	
A.M.	1		2.9%	
No Degree	1		2.9%	
No Answer	3	35	8.6%	100%

Degrees:

Thirty-one teachers have degrees. One teacher has no degree and three teachers did not state what degree they possessed.

Twenty-seven teachers have a Bachelor's Degree, while only four teachers have a Master's Degree.

One teacher reported that she has a Master's Degree but failed to say what previous degree she holds.

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B.S. in P.E.	6	17.1%
B.S.	1	2.9%
A.B.	8	22.9%
B.S. in Com'l Ed.	1	2.9%
B.S. in Ed.; Ed.M.	1	2.9%
B.S. in P.E.; Ed.M.	1	2.9%
B.S. in Ed.; A.M.; Ed.	1	2.9%
A.M.	1	2.9%
No Degree	1	2.9%
No Answer	3	8.6%
	35	100%

CHAPTER III

SCHOOLS WITH AN ENROLLMENT OF 200 - 500 PUPILS

Forty-nine schools made returns in this section.

Thirty-nine schools have a required physical education program for girls. Ten schools do not have a required program. Eighty per cent conduct a required program, while twenty per cent do not.

TABLE I

Number and Per Cent of Schools that Do or Do Not Have a Required Program of Physical Education for Girls

	Number	Per Cent
Have a Required Program	39	80%
Do Not Have a Required Program	10	20%
Totals	49	100%

Elective Program:

No school in this section maintains a physical education program on an elective basis. Therefore, 100 per cent do not have an elective program.

Required Physical Education:

In thirty-four schools, physical education is required during each year of high school. Fifteen high schools do not require physical education each year.

Three of the fifteen schools require physical education in the freshman and sophomore years. Physical education

CHAPTER III

SCHOOLS WITH AN ENROLLMENT OF 200 - 300 PUPILS

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Do Not Have a Required Program	10	20%
Totals	49	100%

Elective Programs:

No school in this section maintains a physical education program on an elective basis. Therefore, 100 per cent do not have an elective program.

Required Physical Education:

In thirty-four schools, physical education is required during each year of high school. Fifteen high schools do not require physical education each year.

Three of the fifteen schools require physical education in the freshman and sophomore years. Physical education

is required only in the freshman year in one school. Two schools state that physical education is not required. No program is maintained in nine schools.

Credit in physical education is required for graduation in twenty of the thirty-nine schools that have a required program. In eighteen schools, credit is not required for graduation. One school neglected to answer this question.

TABLE II

A

Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	34	69%
Not Required each year	15	31%
Totals	49	100%

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
Required in freshman year	1	7%
Required in freshman and sophomore years	3	20%
Not required	2	13%
No program	9	60%
Totals	15	100%

is required only in the freshman year in one school. Two schools state that physical education is not required. No program is maintained in nine schools.

Credit in physical education is required for graduation in twenty of the thirty-nine schools that have a required program. In eighteen schools, credit is not required for graduation. One school neglected to answer this question.

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Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	34	69%
Not Required each year	15	31%
Totals	49	100%

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
Required in freshman year	1	7%
Required in freshman and sophomore years	3	20%
Not required	2	13%
No program	9	60%
Totals	15	100%

TABLE II

C

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is required	20	51%
Credit is not required	18	46%
Did not answer	1	3%
Totals	39	100%

Classification:

In twelve schools, the girls are classified according to grade level. One school classifies the girls according to grade level and by the use of physical or motor ability tests. The remaining twenty-seven schools have no method of classification, that is, all grade and age levels are in the same classes.

TABLE III

Classification of Girls

	Number	Per Cent
Grade Level	12	30%
Mixed Classes	27	67.5%
Grade Level and Physical or Motor Ability Tests	1	2.5%
Totals	40	100%

TABLE II

C

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is required	20	51%
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Did not answer	1	3%
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TABLE III

Classification of Girls

	Number	Per Cent
Grade level	12	30%
Mixed Classes	27	67.5%
Grade level and Physical or Motor Ability Tests	1	2.5%
Totals	40	100%

Average Number and Length of Periods:

Two periods a week is the average number of required periods.

The average length of a required period is forty-five minutes.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for Girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
1	3	7.5%	40	10	25%
2	29	72.5%	42	1	2.5%
2 - 3	1	2.5%	43	1	2.5%
3	4	10.0%	45	14	35%
4	1	2.5%	47	1	2.5%
5	2	5%	48	2	5%
			50	7	17.5%
			53	2	5%
			60	2	5%
	40	100%		40	100%

Health Education:

Health education is scheduled during the physical education periods in nine schools. Thirty-one schools do not schedule health education during the physical education periods.

TABLE V

Number and Per Cent of Schools that Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Is Scheduled	9	22.5%
Is Not Scheduled	31	77.5%
Totals	40	100%

Average Number and Length of Periods:

Two periods a week is the average number of required periods.

The average length of a required period is forty-five minutes.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for Girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
1	3	7.5%	40	10	25%
2	29	72.5%	42	1	2.5%
2 - 3	1	2.5%	45	1	2.5%
3	4	10.0%	45	14	35%
4	1	2.5%	47	1	2.5%
5	2	5%	48	2	5%
			50	7	17.5%
			55	2	5%
			60	2	5%
	40	100%		40	100%

Health Education:

Health education is scheduled during the physical education periods in nine schools. Thirty-one schools do not schedule health education during the physical education periods.

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Number and Per Cent of Schools that Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Is Scheduled	9	22.5%
Is Not Scheduled	31	77.5%
Totals	40	100%

Average Number of Pupils In Smallest and Largest Classes:

Twenty pupils is the average number in the smallest classes. The average number of pupils in the largest classes is thirty-eight.

TABLE VI

Number and Per Cent of Pupils in The Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
15 - 19	1	2.5%	5 - 9	2	5 %
20 - 24	1	2.5%	10 - 14	8	20 %
25 - 29	7	17.5%	15 - 19	12	30 %
30 - 34	6	15 %	20 - 24	7	17.5%
35 - 39	9	22.5%	25 - 29	6	15 %
40 - 44	6	15 %	30 - 34	2	5 %
45 - 49	7	17.5%	35 - 39	0	0
50 - 54	1	2.5%	40 - 44	1	2.5%
55 - 59	1	2.5%	45 - 49	0	0
60 - 64	1	2.5%	50 - 54	1	2.5%
			No Answer	1	2.5%
	40	100%		40	100%

Physical Examinations:

In thirty schools, each girl is required to have a physical examination before participating in the physical education program each year. Each girl is not required to have a physical examination in eleven schools. Eight schools in this section failed to answer this question.

TABLE VII

(See Next Page)

Average Number of Pupils in Smallest and Largest Classes:

Twenty pupils is the average number in the smallest classes. The average number of pupils in the largest classes is thirty-eight.

TABLE VI

Number and Per Cent of Pupils in The Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
15 - 19	1	2.5%	5 - 9	2	5
20 - 24	1	2.5%	10 - 14	8	20
25 - 29	7	17.5%	15 - 19	12	30
30 - 34	6	15 %	20 - 24	7	17.5%
35 - 39	9	22.5%	25 - 29	6	15 %
40 - 44	6	15 %	30 - 34	2	5
45 - 49	7	17.5%	35 - 39	0	0
50 - 54	1	2.5%	40 - 44	1	2.5%
55 - 59	1	2.5%	45 - 49	0	0
60 - 64	1	2.5%	50 - 54	1	2.5%
			No Answer	1	2.5%
	40	100%		40	100%

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In thirty schools, each girl is required to have a physical examination before participating in the physical education program each year. Each girl is not required to have a physical examination in eleven schools. Eight schools in this section failed to answer this question.

TABLE VII

(See Next Page)

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	30	61.2%
Do Not Require a Physical Examination	11	22.5%
No Answer	8	16.3%
Totals	49	100%

Showers:

In this section, thirty-nine schools have shower facilities, whereas five schools do not. The remaining five schools did not answer this question.

Only seventeen schools require the girls to take showers after each physical education class. Twenty-three schools do not require the girls to take showers.

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	39	80%
Do Not Have Shower Facilities	5	10%
No Answer	5	10%
Totals	49	100%

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	30	61.2%
Do Not Require a Physical Examination	11	22.5%
No Answer	8	16.3%
Totals	49	100%

Showers:

In this section, thirty-nine schools have shower facilities, whereas five schools do not. The remaining five schools did not answer this question.

Only seventeen schools require the girls to take showers after each physical education class. Twenty-three schools do not require the girls to take showers.

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	39	80%
Do Not Have Shower Facilities	5	10%
No Answer	5	10%
Totals	49	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	17	42.5%
Do Not Require Showers	23	57.5%
Totals	40	100%

After School Activities:

In this section, the average number of days that after school activities are offered is two days a week.

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	2	4 %
1	3	6.2%
1 - 2	1	2 %
2	10	20.4%
2 - 5	1	2 %
3	2	4 %
3 - 4	3	6.2%
4	9	18.4%
4 - 5	1	2 %
5	7	14.4%
No Answer	8	16.4%
No Program	2	4 %
	49	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	17	42.5%
Do Not Require Showers	23	57.5%
Totals	40	100%

After School Activities:

In this section, the average number of days that after school activities are offered is two days a week.

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	2	4 %
1	3	6.2%
1 - 2	1	2 %
2	10	20.4%
2 - 3	1	2 %
3	2	4 %
3 - 4	3	6.2%
4	9	18.4%
4 - 5	1	2 %
5	7	14.4%
No Answer	8	16.4%
No Program	2	4 %
	49	100%

Interscholastic and Intramural Programs:

Intramural programs are maintained in twenty-nine schools. Fifteen schools do not conduct an intramural program. This question was unanswered by five schools.

An interscholastic program is conducted in thirty-nine schools. In seven schools there is no interscholastic program. The remaining three schools failed to answer the question.

In nine schools, girls on varsity teams are excused from physical education for that particular season. Girls on varsity teams, not excused from physical education, was reported by twenty-three schools. Only two schools neglected to answer this question.

TABLE X
A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	29	59%
Do Not Have An Intramural Program	15	31%
Did Not Answer	5	10%
Totals	49	100%

Interscholastic and Intramural Programs:

Intramural programs are maintained in twenty-nine schools. Fifteen schools do not conduct an intramural program. This question was unanswered by five schools.

An interscholastic program is conducted in thirty-nine schools. In seven schools there is no interscholastic program. The remaining three schools failed to answer the question.

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TABLE X
A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	29	63%
Do Not Have An Intramural Program	15	31%
Did Not Answer	5	10%
Totals	49	100%

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	39	80%
Do Not Have an Interscholastic Program	7	14%
Did Not Answer	3	6%
Totals	49	100%

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education

	Number	Per Cent
Are Excused from Physical Education	9	26%
Are Not Excused from Physical Education	23	68%
Did Not Answer	2	6%
Totals	34	100%

Extra Compensation for Coaching:

Nine schools in this section give women coaches extra compensation. Women coaches do not receive extra compensation in thirty-seven schools. Three schools did not answer the question.

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	39	80%
Do Not Have an Interscholastic Program	7	14%
Did Not Answer	3	6%
Totals	49	100%

TABLE X

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Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education

	Number	Per Cent
Are Excused from Physical Education	9	26%
Are Not Excused from Physical Education	23	68%
Did Not Answer	2	6%
Totals	34	100%

Extra Compensation for Coaching:

Nine schools in this section give women coaches extra compensation. Women coaches do not receive extra compensation in thirty-seven schools. Three schools did not answer the question.

In just three schools, women coaches are given a lighter teaching program in place of extra compensation. In twenty-eight schools, women coaches receive neither extra compensation nor a lighter teaching program. No answer was given by six schools in this section.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	9	18%
Do Not Give Extra Compensation	37	76%
Did Not Answer	3	6%
Totals	49	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Teaching Program To Women Coaches

	Number	Per Cent
Have a Lighter Teaching Program	3	8%
Do Not Have A Lighter Teaching Program	28	76%
Did Not Answer	6	16%
Totals	37	100%

In just three schools, women coaches are given a lighter teaching program in place of extra compensation. In twenty-eight schools, women coaches receive neither extra compensation nor a lighter teaching program. No answer was given by six schools in this section.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	9	18%
Do Not Give Extra Compensation	37	76%
Did Not Answer	3	6%
Totals	49	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Teaching Program To Women Coaches

	Number	Per Cent
Have a Lighter Teaching Program	3	8%
Do Not Have A Lighter Teaching Program	28	76%
Did Not Answer	6	16%
Totals	37	100%

Average Number of Teachers and Teaching Hours:

The schools in this section have an average of one woman teacher in each physical education department. Men teach girls' physical education in two of these schools.

The women physical education teachers in the schools of this size average eighteen hours of teaching a week.

TABLE XII

A

Number and Per Cent of Teachers In The Physical Education Department

No. of Teachers	No. of Schools	Per Cent
0	2	5%
1	34	85%
2	4	10%
	40	100%

TABLE XII

B

Number and Per Cent of Teaching Hours Per Week

Number of Teaching Hours	No. of Schools	Per Cent
0 - 4	4	10 %
5 - 9	4	10 %
10 - 14	2	5 %
15 - 19	5	12.5%
20 - 24	5	12.5%
25 - 29	7	17.5%
30 - 34	7	17.5%
35 - 39	1	2.5%
40 - 44	1	2.5%
No Answer	4	10 %
	40	100%

Average Number of Teachers and Teaching Hours:

The schools in this section have an average of one woman teacher in each physical education department. Men teach girls' physical education in two of these schools.

The women physical education teachers in the schools of this size average eighteen hours of teaching a week.

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No. of Teachers	No. of Schools	Per Cent
0	2	5%
1	34	85%
2	4	10%
	40	100%

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B

Number and Per Cent of Teaching Hours per Week

Number of Teaching Hours	No. of Schools	Per Cent
0 - 4	4	10 %
5 - 9	4	10 %
10 - 14	2	5 %
15 - 19	5	12.5%
20 - 24	5	12.5%
25 - 29	7	17.5%
30 - 34	7	17.5%
35 - 39	1	2.5%
40 - 44	1	2.5%
No Answer	4	10 %
	40	100%

Professional Courses:

The physical education teachers in twenty-six schools have taken professional courses in this field. Four teachers reported that they had taken no professional courses. Nineteen teachers did not answer this question.

TABLE XIII

A

Number and Per Cent of Teachers Who Have or Have Not Taken Professional Courses in Physical Education

	Number	Per Cent
Have taken courses	26	53%
Have not taken courses	4	8%
No answer	19	39%
Totals	49	100%

TABLE XIII

B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
0	4	8.2%
3	1	2 %
5	1	2 %
6	1	2 %
8	3	6.2%
9	2	4.1%
12	2	4.1%
30	1	2 %
30 - 40	2	4.1%
50 - 60	1	2 %
90	1	2 %
Sargent College Grad.	3	6.2%
Sargent Diploma plus 30 hrs.	1	2 %
Bouve Grad. plus 3 grad. hrs.	1	2 %
Bouve Grad.	1	2 %

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The physical education teachers in twenty-six schools have taken professional courses in this field. Four teachers reported that they had taken no professional courses. Nineteen teachers did not answer this question.

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Totals	49	100%

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B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
0	4	8.2%
3	1	2
5	1	2
6	1	2
8	3	6.2%
9	2	4.1%
12	2	4.1%
30	1	2
30 - 40	2	4.1%
50 - 60	1	2
90	1	2
Sargent College Grad.	3	6.2%
Sargent Diploma plus 30 hrs.	1	2
Above Grad. plus 3 grad. hrs.	1	2
Above Grad.	1	2

TABLE XIII
Continued--B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
Physical Education Major	3	6.2%
2 Years Physical Educ. School	1	2 %
3 Years Physical Educ. School	1	2. %
No Answer	19	38.9%
	49	100%

Degrees:

The physical education teachers in forty-two schools possess degrees. Four teachers do not have degrees. Three teachers failed to state their degrees.

One teacher stated that she possesses a Master's Degree but failed to give her previous degree.

Thirty Five teachers have a Bachelor's Degree, whereas only six teachers have a Master's Degree. One teacher has a Degree of Doctor of Philosophy.

TABLE XIV

A

Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
Have A Degree	42	86%
Do Not Have A Degree	4	8%
No Answer	3	6%
Totals	49	100%

TABLE XIII

Continued--B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
Physical Education Major	3	6.2%
2 Years Physical Educ. School	1	2
3 Years Physical Educ. School	1	2.
No Answer	19	38.2%
	49	100%

Degrees:

The physical education teachers in forty-two schools possess degrees. Four teachers do not have degrees. Three teachers failed to state their degrees.

One teacher stated that she possesses a Master's Degree but failed to give her previous degree.

Thirty Five teachers have a Bachelor's Degree, whereas only six teachers have a Master's Degree. One teacher has a Degree of Doctor of Philosophy.

TABLE XIV

A

Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
Have A Degree	42	86%
Do Not Have A Degree	4	8%
No Answer	3	6%
Totals	49	100%

TABLE XIV

B

Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers	Per Cent
B. S. in Education	17	34.8%
B. S. in Physical Education	7	14.4%
B. S. in Ed. & B. S. in P. E.	2	4.1%
B. S.	2	4.1%
B. S. in Science	1	2 %
A. B.	6	12.2%
B. S. in Ed.; Ed. M.	1	2 %
B. S. in Ed.; M. S.	1	2 %
B. S. in Ed.; B. S. in P. E.; Ed. M.	1	2 %
B. S. in Ed.; A. M.	1	2 %
A. B.; A. M.	1	2 %
A. M.	1	2 %
A. B.; A. M.; Ph. D.	1	2 %
No Degree	4	8.2%
No Answer	3	6.2%
	49	100%

TABLE XIV

8

Number and Per Cent of Teachers Possessing
Various Degrees

Degree	Teachers	Per Cent
B. S. in Education	17	34.8%
B. S. in Physical Education	7	14.4%
B. S. in Ed. & B. S. in P. E.	2	4.1%
B. S.	2	4.1%
B. S. in Science	1	2
A. B.	6	12.2%
B. S. in Ed.; Ed. M.	1	2
B. S. in Ed.; M. S.	1	2
B. S. in Ed.; B. S. in P. E.; Ed. M.	1	2
B. S. in Ed.; A. M.	1	2
A. B.; A. M.	1	2
A. M.	1	2
A. B.; A. M.; Ph. D.	1	2
No Degree	4	8.2%
No Answer	3	6.2%
	49	100%

CHAPTER IV

SCHOOLS WITH AN ENROLLMENT OF 500 - 1000 PUPILS

Thirty-two schools of this size answered the questionnaire. Twenty-seven schools reported having a required program of physical education for girls. The remaining five schools do not have a required program. Eighty-four per cent have a required program of girls' physical education and sixteen per cent do not.

TABLE I

Number and Per Cent of Schools That Do or Do Not Have A Required Program of Physical Education for Girls

	Number	Per Cent
Have a Required Program	27	84%
Do Not Have a Required Program	5	16%
Totals	32	100%

Elective Program:

Two schools in this section reported having an elective program in physical education. One school maintains an elective program for the senior year, only. The other school maintains an elective program for each year of high school. An elective program is maintained during each year of high school by 16.6 per cent. An elective program of physical education for girls is offered in the senior year by 16.6 per cent. In 66.6 per cent of the schools that do not have a required program, there

CHAPTER IV

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	Number	Per Cent
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Do Not Have a Required Program	5	16%
Totals	32	100%

Elective Program:

Two schools in this section reported having an elective program in physical education. One school maintains an elective program for the senior year, only. The other school maintains an elective program for each year of high school. An elective program is maintained during each year of high school by 16.6 per cent. An elective program of physical education for girls is offered in the senior year by 16.6 per cent. In 66.6 per cent of the schools that do not have a required program, there

is no elective program.

Required Physical Education:

Physical education for girls is required during each year of high school in twenty-four schools. It is not required during each year of high school in eight schools.

Of the eight latter schools, two require physical education in the freshman, sophomore, and junior years. In one school, physical education is required in the freshman and senior years. Four schools do not conduct a program. One school reported that physical education is not required.

Seventeen schools require credit in physical education for graduation. Ten schools do not require credit in physical education for graduation.

TABLE II

A

Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	24	75%
Not Required each year	8	25%
Totals	32	100%

TABLE II

B

(See next page)

is no elective program.

Required Physical Education:

Physical education for girls is required during each year of high school in twenty-four schools. It is not required during each year of high school in eight schools.

Of the eight latter schools, two require physical education in the freshman, sophomore, and junior years. In one school, physical education is required in the freshman and senior years. Four schools do not conduct a program. One school reported that physical education is not required.

Seventeen schools require credit in physical education for graduation. Ten schools do not require credit in physical education for graduation.

TABLE II

A

Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	24	75%
Not Required each year	8	25%
Totals	32	100%

TABLE II

B

(See next page)

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
Required in freshman, sophomore, junior years	2	25.0%
Required in freshman and sophomore years	1	12.5%
Not required	1	12.5%
No program	4	50 %
Totals	8	100%

TABLE II

C

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is required	17	63%
Credit is not required	10	37%
Totals	27	100%

Classification:

The girls are classified according to grade level in fourteen schools of this section. The remaining thirteen schools have no method of classification. The classes are composed of all ages, abilities, and grades.

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
Required in freshman, sophomore, junior years	2	25.0%
Required in freshman and sophomore years	1	12.5%
Not required	1	12.5%
No program	4	50 %
Totals	8	100%

TABLE II

C

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is required	17	63%
Credit is not required	10	37%
Totals	27	100%

Classification:

The girls are classified according to grade level in fourteen schools of this section. The remaining thirteen schools have no method of classification. The classes are composed of all ages, abilities, and grades.

TABLE III

Classification of Girls

	Number	Per Cent
Grade Level	14	52%
Mixed Classes	13	48%
Totals	27	100%

Average Number and Length of Periods:

In this section, the average number of required periods a week is two.

Forty-five minutes is the average length of a required period.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for Girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
0	1	3.6%	35	1	3.6%
1	3	10.7%	40	7	25 %
2	16	57.1%	40 - 50	1	3.6%
2 - 3	1	3.6%	42	1	3.6%
3	5	17.8%	43	1	3.6%
4	1	3.6%	45	7	25 %
Soph.-3)			45 - 50	1	3.6%
Jr.,Sr.2)	1	3.6%	50	4	14.2%
			55	2	7.1%
			60	3	10.7%
	28	100%		28	100%

TABLE LIII

Classification of Girls

	Number	Per Cent
Grade Level	14	52%
Mixed Classes	13	48%
Totals	27	100%

Average Number and Length of Periods:

In this section, the average number of required periods a week is two.

Forty-five minutes is the average length of a required period.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for Girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
0	1	3.8%	35	1	3.8%
1	3	10.7%	40	7	25 %
2	16	57.1%	40 - 50	1	3.8%
2 - 3	1	3.8%	42	1	3.8%
3	5	17.8%	45	1	3.8%
4	1	3.8%	45	7	26 %
Soph.-3)			45 - 50	1	3.8%
Jr.,Sr.2)	1	3.8%	50	4	14.2%
			55	2	7.1%
			60	3	10.7%
	28	100%		28	100%

Health Education:

In this section, there are four schools that schedule health education during the physical education classes. Health education is not scheduled during the physical education classes in twenty-four schools of this size.

TABLE V

Number and Per Cent of Schools That Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Is Scheduled	4	14%
Is Not Scheduled	24	86%
Totals	28	100%

Average Number of Pupils in Smallest and Largest Classes:

An average of sixty-three pupils can be found in the largest classes. Twenty-seven pupils are the average number to be found in the smallest classes.

TABLE VI

Number and Per Cent of Pupils in the Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
25 - 34	2	7.1%	10 - 14	4	14%
35 - 44	3	10.7%	15 - 19	6	21%
45 - 54	10	35.7%	20 - 24	5	18%
55 - 64	5	18 %	25 - 29	5	18%
65 - 74	2	7.1%	30 - 34	2	7%
75 - 84	2	7.1%	35 - 39	0	0
85 - 94	1	3.6%	40 - 44	2	7%
95 -104	2	7.1%	45 - 49	0	0
200	1	3.6%	50 - 54	3	11%
			55 - 59	1	4%
	28	100%		28	100%

Health Education:

In this section, there are four points that schedule health education during the physical education classes. Health education is not scheduled during the physical education classes in twenty-four schools of this size.

TABLE V

Number and Per Cent of Schools That Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Is scheduled	4	14%
Is not scheduled	24	86%
Totals	28	100%

Average Number of Pupils in Smallest and Largest Classes:

An average of sixty-three pupils can be found in the largest classes. Twenty-seven pupils are the average number to be found in the smallest classes.

TABLE VI

Number and Per Cent of Pupils in the Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
25 - 34	2	7.1%	10 - 14	4	14%
35 - 44	3	10.7%	15 - 19	6	21%
45 - 54	10	35.7%	20 - 24	5	18%
55 - 64	8	28 %	25 - 29	3	10%
65 - 74	2	7.1%	30 - 34	2	7%
75 - 84	2	7.1%	35 - 39	0	0
85 - 94	1	3.6%	40 - 44	2	7%
95 -104	2	7.1%	45 - 49	0	0
200	1	3.6%	50 - 54	3	11%
			55 - 59	1	4%
	28	100%		28	100%

Physical Examinations:

The girls in fifteen schools are required to have a physical examination each year before participating in the physical education program. The other fifteen schools do not require the girls to have a physical examination previous to participation.

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	15	50%
Do not Require a Physical Examination	15	50%
Totals	30	100%

Showers:

In twenty-three schools, there are shower facilities. Shower facilities are lacking in only seven schools.

Just seven schools require the girls to take showers after each class in physical education. In twenty-one schools of this size, showers are not required after each class.

TABLE VIII

(See next page)

Physical Examinations:

The girls in fifteen schools are required to have a physical examination each year before participating in the physical education program. The other fifteen schools do not require the girls to have a physical examination previous to participation.

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	15	50%
Do not Require a Physical Examination	15	50%
Totals	30	100%

Showers:

In twenty-three schools, there are shower facilities. Shower facilities are lacking in only seven schools.

Just seven schools require the girls to take showers after each class in physical education. In twenty-one schools of this size, showers are not required after each class.

TABLE VIII

(See next page)

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	23	77%
Do Not Have Shower Facilities	7	23%
Totals	30	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	7	25%
Do Not Require Showers	21	75%
Totals	28	100%

After School Activities:

After school activities are offered on an average of three days a week in schools of this size.

TABLE IX

(See next page)

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	23	77%
Do Not Have Shower Facilities	7	23%
Totals	30	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	7	25%
Do Not Require Showers	21	75%
Totals	28	100%

After School Activities:

After school activities are offered on an average of three days a week in schools of this size.

TABLE IX

(See next page)

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	2	6.7%
1	1	3.3%
2	6	20 %
2 - 4	1	3.3%
3	3	10 %
3 - 4	1	3.3%
4	10	33.4%
4 - 5	1	3.3%
5	3	10 %
No Answer	2	6.7%
	30	100%

Interscholastic and Intramural Programs:

Twenty-two schools run an intramural program and eight schools do not.

An interscholastic program is maintained in twenty-two schools. The remaining eight schools do not have an interscholastic program.

Of the twenty-two schools conducting an interscholastic program, just three schools excuse the girls on varsity teams from physical education for that particular season. Seventeen schools do not excuse the girls from physical education if they are on varsity teams. The other two schools do not have a physical education program.

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	2	6.7%
1	1	3.3%
2	6	20 %
2 - 4	1	3.3%
3	3	10 %
3 - 4	1	3.3%
4	10	33.4%
4 - 5	1	3.3%
5	3	10 %
No Answer	2	6.7%
	30	100%

Interscholastic and Intramural Programs:

Twenty-two schools run an intramural program and eight schools do not.

An interscholastic program is maintained in twenty-two schools. The remaining eight schools do not have an interscholastic program.

Of the twenty-two schools conducting an interscholastic program, just three schools excuse the girls on varsity teams from physical education for that particular season. Seventeen schools do not excuse the girls from physical education if they are on varsity teams. The other two schools do not have a physical education program.

TABLE X

A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	22	73%
Do Not Have an Intramural Program	8	27%
Totals	30	100%

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	22	73%
Do Not Have an Interscholastic Program	8	27%
Totals	30	100%

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education

	Number	Per Cent
Are Excused from Physical Education	3	15%
Are Not Excused from Physical Education	17	85%
Totals	20	100%

TABLE X

A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	22	73%
Do Not Have an Intramural Program	8	27%
Totals	30	100%

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	22	73%
Do Not Have an Interscholastic Program	8	27%
Totals	30	100%

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education

	Number	Per Cent
Are Excused from Physical Education	3	15%
Are Not Excused from Physical Education	17	85%
Totals	20	100%

Extra Compensation for Coaching:

Women coaches in nine schools of this section receive extra compensation for coaching. In twenty schools, the women coaches do not receive extra compensation. One school failed to answer this question.

In only two schools, the women coaches have a lighter teaching program in place of extra compensation. Women coaches neither receive extra compensation nor a lighter teaching program in eighteen schools.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	9	30%
Did Not Answer	1	3%
Do Not Give Extra Compensation	20	67%
Totals	30	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Teaching Program To Women Coaches

	Number	Per Cent
Have a Lighter Teaching Program	2	10%
Do Not Have a Lighter Teaching Program	18	90%
Totals	20	100%

Extra Compensation for Coaching:

Women coaches in nine schools of this section receive extra compensation for coaching. In twenty schools, the women coaches do not receive extra compensation. One school failed to answer this question.

In only two schools, the women coaches have a lighter teaching program in place of extra compensation. Women coaches neither receive extra compensation nor a lighter teaching program in eighteen schools.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	9	30%
Did Not Answer	1	3%
Do Not Give Extra Compensation	20	67%
Totals	30	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Teaching Program To Women Coaches

	Number	Per Cent
Have a Lighter Teaching Program	2	10%
Do Not Have a Lighter Teaching Program	18	90%
Totals	20	100%

Average Number of Teachers and Teaching Hours:

An average of one woman teacher in each physical education department will be found in the schools of this size.

There is an average of twenty-one teaching hours a week.

TABLE XII

A

Number and Per Cent of Teachers in The Physical Education Department

No. of Teachers	No. of Schools	Per Cent
1	21	75%
2	7	25%
	28	100%

TABLE XII

B

Number and Per Cent of Teaching Hours Per Week

Number of Teaching Hours	No. of Schools	Per Cent
11 - 13	1	3.5%
14 - 16	4	13.8%
17 - 19	1	3.5%
20 - 22	3	10.4%
23 - 25	8	27.2%
26 - 28	3	10.4%
29 - 31	4	13.8%
32 - 34	0	0
35 - 37	1	3.5%
38 - 40	1	3.5%
No Answer	3	10.4%
	29	100%

Average Number of Teachers and Teaching Hours:

An average of one woman teacher in each physical education department will be found in the schools of this size.

There is an average of twenty-one teaching hours a week.

TABLE XII

A

Number and Per Cent of Teachers in the Physical Education Department

No. of Teachers	No. of Schools	Per Cent
1	21	72%
2	7	28%
	28	100%

TABLE XII

B

Number and Per Cent of Teaching Hours Per Week

Number Teaching Hours	No. of Schools	Per Cent
11 - 13	1	3.5%
14 - 16	4	15.8%
17 - 19	1	3.5%
20 - 22	3	10.4%
23 - 25	8	27.8%
26 - 28	3	10.4%
29 - 31	4	13.9%
32 - 34	0	0
35 - 37	1	3.5%
38 - 40	1	3.5%
No Answer	3	10.4%
	28	100%

Professional Courses:

In sixteen schools, the teachers have taken professional courses in physical education. Two teachers have taken no professional courses. This question was unanswered by twelve teachers.

TABLE XIII

A

Number and Per Cent of Teachers Who Have or Have Not Taken Professional Courses in Physical Education

	Number	Per Cent
Have Taken Courses	16	53%
Have Not Taken Courses	2	7%
No Answer	12	40%
Totals	30	100%

TABLE XIII

B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
0	2	6.7%
6	1	3.3%
8	1	3.3%
10	1	3.3%
30	1	3.3%
50	2	6.8%
90	1	3.3%
230	1	3.3%
Sargent College Grad.	3	10 %
Sargent Coll. Grad. plus 27 gr. hrs.	1	3.3%
Sargent School Diploma plus 30 hrs.	1	3.3%
Physical Education Major	2	6.8%
Undetermined	1	3.3%
No Answer	12	40 %
	30	100%

Professional Courses:

In sixteen schools, the teachers have taken professional courses in physical education. Two teachers have taken no professional courses. This question was unanswered by twelve teachers.

TABLE XLII

A

Number and Per Cent of Teachers Who Have or Have Not Taken Professional Courses in Physical Education

	Number	Per Cent
Have Taken Courses	16	53%
Have Not Taken Courses	2	7%
No Answer	12	40%
Totals	30	100%

TABLE XLII

B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
0	2	6.7%
8	1	3.3%
8	1	3.3%
10	1	3.3%
30	1	3.3%
50	2	6.8%
90	1	3.3%
230	1	3.3%
Sargent College Grad.	3	10
Sargent Coll. Grad. plus 27 gr. hrs.	1	3.3%
Sargent School Diploma plus 30 hrs.	1	3.3%
Physical Education Major	2	6.8%
Undetermined	1	3.3%
No Answer	12	40 %
	30	100%

Degrees:

In twenty-six schools, the physical education teachers have degrees. Four teachers do not have degrees.

Twenty-four teachers possess Bachelors' Degrees. Only two teachers have Masters' Degrees.

TABLE XIV

A

Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
Have A Degree	26	87%
Do Not Have A Degree	4	13%
Totals	30	100%

TABLE XIV

B

Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers	Per Cent
B. S. in Education	11	36.8%
B. S. in Physical Education	9	30 %
Sargent Diploma and B. S.	1	3.3%
B. S.	1	3.3%
Physical Educ. Diploma and A. B.	1	3.3%
A. B.	1	3.3%
Sargent Diploma; B.S. in Ed.; Ed. M.	1	3.3%
B. S. in Education; Ed. M.	1	3.3 %
No Degree	4	13.4%
	30	100%

Degrees:

In twenty-six schools, the physical education teachers have degrees. Four teachers do not have degrees.

Twenty-four teachers possess Bachelors' Degrees.

Only two teachers have Masters' Degrees.

TABLE XIV

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Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
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Do Not Have A Degree	4	13%
Totals	30	100%

TABLE XIV

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Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers	Per Cent
B. S. in Education	11	36.8%
B. S. in Physical Education	9	30 %
Sargent Diploma and B. S.	1	3.3%
B. S.	1	3.3%
Physical Educ. Diploma and A. B.	1	3.3%
A. B.	1	3.3%
Sargent Diploma; B.S. in Ed.; Ed. M.	1	3.3%
B. S. in Education; Ed. M.	1	3.3 %
No Degree	4	13.4%
	30	100%

CHAPTER V

SCHOOLS THAT HAVE AN ENROLLMENT OF 1000 AND OVER

Thirty-one schools made returns in this section. Every school in this section has a required physical education program for girls. One hundred per cent carry on a required program of physical education for girls.

TABLE I

Number and Per Cent of Schools That Do or Do Not Have A Required Program of Physical Education for Girls

	Number	Per Cent
Have a Required Program	31	100%
Do Not Have a Required Program	0	0
Totals	31	100%

Elective Program:

Since every school has a required program of girls' physical education, there are no schools in this section that maintain an elective program.

Required Physical Education:

Twenty-two schools require girls' physical education during each year of high school. Girls' physical education is not required each year in nine high schools.

One school requires girls' physical education in the freshman year. Physical education is required in the freshman year and the first semester of the sophomore year in one school.

CHAPTER V

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Thirty-one schools made returns in this section. Every school in this section has a required physical education program for girls. One hundred per cent carry on a required program of physical education for girls.

TABLE I

Number and Per Cent of Schools That Do or Do Not Have A Required Program of Physical Education for Girls

	Number	Per Cent
Have a Required Program	31	100%
Do Not Have a Required Program	0	0
Totals	31	100%

Elective Program:

Since every school has a required program of girls' physical education, there are no schools in this section that maintain an elective program.

Required Physical Education:

Twenty-two schools require girls' physical education during each year of high school. Girls' physical education is not required each year in nine high schools.

One school requires girls' physical education in the freshman year. Physical education is required in the freshman year and the first semester of the sophomore year in one school.

Three schools require the program in the freshman and sophomore years. In one school, the program is required in the freshman and junior years. Two schools require girls' physical education in the sophomore and junior years and one school has a required program in the freshman, sophomore, and junior years.

Credit in physical education is required for graduation in twenty-one schools. Nine schools do not require credit for graduation. One school failed to answer this question.

TABLE II

A

Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	22	71%
Not Required each year	9	29%
Totals	31	100%

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
Required in freshman year	1	11.1%
Required in freshman, and 1st. semester of sophomore year	1	11.1%
Freshman and sophomore years	3	33.3%
Freshman and junior years	1	11.1%
Sophomore and junior years	2	22.3%
Freshman, sophomore, junior years	1	11.1%
Totals	9	100%

Three schools require the program in the freshman and sophomore years. In one school, the program is required in the freshman and junior years. Two schools require girls' physical education in the sophomore and junior years and one school has a required program in the freshman, sophomore, and junior years.

Credit in physical education is required for graduation in twenty-one schools. Nine schools do not require credit for graduation. One school failed to answer this question.

TABLE II

A

Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	22	71%
Not required each year	9	29%
Totals	31	100%

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
Required in freshman year	1	11.1%
Required in freshman, and 1st. semester of sophomore year	1	11.1%
Freshman and sophomore years	3	33.3%
Freshman and junior years	1	11.1%
Sophomore and junior years	2	22.2%
Freshman, sophomore, junior years	1	11.1%
Totals	9	100%

TABLE II

C

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is Required	21	68%
Credit is not Required	9	29%
No Answer	1	3%
Totals	31	100%

Classification:

Twenty schools classify the girls according to grade level. In one school, the girls are classified according to grade level and by the use of physical or motor ability tests. In nine schools, there is no method of classification, that is, all grade and age levels are mixed in the same classes. There is one school where the girls are classified by grade level for the most part, but there are also a few mixed classes.

TABLE III

Classification of Girls

	Number	Per Cent
Grade Level	20	65%
Mixed Classes	9	29%
Grade Level and Use of Physical or Motor Ability Tests	1	3%
Grade Level and Mixed Classes	1	3%
Totals	31	100%

TABLE II

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is Required	21	68%
Credit is not Required	9	29%
No Answer	1	3%
Totals	31	100%

Classification:

Twenty schools classify the girls according to grade level. In one school, the girls are classified according to grade level and by the use of physical or motor ability tests. In nine schools, there is no method of classification, that is, all grade and age levels are mixed in the same classes. There is one school where the girls are classified by grade level for the most part, but there are also a few mixed classes.

TABLE III

Classification of Girls

	Number	Per Cent
Grade Level	20	65%
Mixed Classes	9	29%
Grade Level and Use of Physical or Motor Ability Tests	1	3%
Grade Level and Mixed Classes	1	3%
Totals	31	100%

Average Number and Length of Periods:

Two periods of girls' physical education a week is the average number for this section.

The average length of required periods is forty-nine minutes.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for Girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
1 - 5	1	3.2%	35 - 39	2	6.5%
2	17	54.8%	40 - 44	8	25.8%
3	7	22.6%	45 - 49	12	38.7%
4	1	3.2%	50 - 54	3	9.6%
3-1 week) 2-next) 2-Soph.,Jrs.)	2	6.5%	55 - 59	2	6.5%
1-Senior) 3-Soph.) 2-Jr.)	2	6.5%	70 - 74	0	0
			75 - 79	0	0
			80 - 84	0	0
1-Srs.)	1	3.2%	85 - 89	1	3.2%
			90 - 94	1	3.2%
	31	100%		31	100%

Health Education:

Health education is scheduled during the physical education periods in only three schools. Twenty-seven schools do not schedule health education during the physical education periods. One school did not answer this question.

TABLE V

(See next page)

Average Number and Length of Periods:

Two periods of girls' physical education a week is the average number for this section.

The average length of required periods is forty-nine minutes.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for Girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
1 - 5	1	3.2%	35 - 39	2	6.4%
2	17	54.8%	40 - 44	8	25.8%
3	7	22.6%	45 - 49	18	58.7%
4	1	3.2%	50 - 54	3	9.6%
3-1 week) 2-next) 2-Soph.,Jrs.)	2	6.5%	55 - 59	2	6.5%
1-Senior) 3-Soph.) 2-Jr.) 1-Sra.)	2	6.5%	70 - 74	0	0
			75 - 79	0	0
			80 - 84	0	0
	1	3.2%	85 - 89	1	3.2%
			90 - 94	1	3.2%
	31	100%		31	100%

Health Education:

Health education is scheduled during the physical education periods in only three schools. Twenty-seven schools do not schedule health education during the physical education periods. One school did not answer this question.

TABLE V

(See next page)

TABLE V

Number and Per Cent of Schools That Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Is Scheduled	3	10%
Is Not Scheduled	27	87%
Did Not Answer	1	3%
Totals	31	100%

Average Number of Pupils in Smallest and Largest Classes:

Eighty-one pupils is the average number found in the largest classes. The average number of pupils in the smallest classes is forty-two.

TABLE VI

Number and Per Cent of Pupils in the Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
35 - 44	1	3.2%	10 - 19	6	19.4%
45 - 54	3	9.6%	20 - 29	6	19.4%
55 - 64	7	22.7%	30 - 39	5	16.1%
65 - 74	6	19.4%	40 - 49	5	16.1%
75 - 84	3	9.6%	50 - 59	2	6.5%
85 - 94	2	6.5%	60 - 69	4	12.9%
95 - 104	3	9.6%	70 - 79	1	3.2%
105 - 114	2	6.5%	80 - 89	1	3.2%
115 - 124	1	3.2%	90 - 99	0	0
125 - 134	0	0	100 - 109	0	0
135 - 144	1	3.2%	110 - 119	1	3.2%
145 - 154	2	6.5%			
	31	100%		31	100%

TABLE V

Number and Per Cent of Schools That Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Is Scheduled	3	10%
Is Not Scheduled	27	87%
Did Not Answer	1	3%
Totals	31	100%

Average Number of Pupils in Smallest and Largest Classes:

Eighty-one pupils is the average number found in the largest classes. The average number of pupils in the smallest classes is forty-two.

TABLE VI

Number and Per Cent of Pupils in the Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
35 - 44	1	3.2%	10 - 19	6	19.4%
45 - 54	3	9.6%	20 - 29	6	19.4%
55 - 64	7	22.7%	30 - 39	5	16.1%
65 - 74	6	19.4%	40 - 49	5	16.1%
75 - 84	3	9.6%	50 - 59	2	6.5%
85 - 94	2	6.5%	60 - 69	4	12.9%
95 - 104	3	9.6%	70 - 79	1	3.2%
105 - 114	2	6.5%	80 - 89	1	3.2%
115 - 124	1	3.2%	90 - 99	0	0
125 - 134	0	0	100 - 109	0	0
135 - 144	1	3.2%	110 - 119	1	3.2%
145 - 154	2	6.5%			
	31	100%		31	100%

Physical Examination:

The girls in fifteen schools are required to have a physical examination before participating in the physical education program. In sixteen schools, the girls are not required to have a physical examination before participating in the program.

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	15	48%
Do Not Require a Physical Examination	16	52%
Totals	31	100%

Showers:

Twenty schools have shower facilities and ten schools do not. One school neglected to answer this question.

The girls are required to take showers after each physical education class in eleven schools. Twenty schools do not require the girls to take showers after each physical education class.

TABLE VIII

A

(See next page)

Physical Examination:

The girls in fifteen schools are required to have a physical examination before participating in the physical education program. In sixteen schools, the girls are not required to have a physical examination before participating in the program.

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	15	48%
Do Not Require a Physical Examination	16	52%
Totals	31	100%

Showers:

Twenty schools have shower facilities and ten schools do not. One school neglected to answer this question.

The girls are required to take showers after each physical education class in eleven schools. Twenty schools do not require the girls to take showers after each physical education class.

TABLE VIII

A

(See next page)

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	20	65%
Do Not Have Shower Facilities	10	32%
Did Not Answer	1	3%
Totals	31	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	11	35%
Do Not Require Showers	20	65%
Totals	31	100%

After School Activities:

In this section, after school activities are offered on an average of three days a week.

TABLE IX

(See next page)

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	20	65%
Do Not Have Shower Facilities	10	32%
Did Not Answer	1	3%
Totals	31	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	11	35%
Do Not Require Showers	20	65%
Totals	31	100%

After School Activities:

In this section, after school activities are offered on an average of three days a week.

TABLE IX

(See next page)

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	1	3.2%
1	0	0
2	7	22.7%
2 - 3	1	3.2%
3	5	16.2%
4	11	35.4%
4 and 1 Sat. per month	1	3.2%
5	4	12.9%
No Answer	1	3.2%
	31	100%

Interscholastic and Intramural Programs:

In twenty-two schools, an intramural program is conducted. Eight schools do not have an intramural program. One school did not answer this question.

In this section, just twelve schools maintain an interscholastic program. Eighteen schools do not carry on interscholastic competition. This question was unanswered by one school.

Three schools excuse the girls on the varsity teams from physical education for that particular season and nine schools do not excuse the girls.

TABLE X

A

(See Next Page)

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	1	3.2%
1	0	0
2	7	22.7%
2 - 3	1	3.2%
3	5	16.2%
4	11	35.4%
4 and 1 Sat. per month	1	3.2%
5	4	12.9%
No Answer	1	3.2%
	31	100%

Interscholastic and Intramural Programs:

In twenty-two schools, an intramural program is conducted. Eight schools do not have an intramural program. One school did not answer this question.

In this section, just twelve schools maintain an interscholastic program. Eighteen schools do not carry on interscholastic competition. This question was unanswered by one school.

Three schools excuse the girls on the varsity teams from physical education for that particular season and nine schools do not excuse the girls.

TABLE X

A.

(See Next Page)

TABLE X

A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	22	71%
Do Not Have an Intramural Program	8	26%
Did not answer	1	3%
Totals	31	100%

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	12	39%
Do Not Have an Interscholastic Program	18	58%
Did Not Answer	1	3%
Totals	31	100%

TABLE X

C

(See next page)

Boston University
School of Education
Library

TABLE X

A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	22	71%
Do Not Have an Intramural Program	8	26%
Did not answer	1	3%
Totals	31	100%

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	12	39%
Do Not Have an Interscholastic Program	18	58%
Did Not Answer	1	3%
Totals	31	100%

TABLE X

C

(See next page)

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education

	Number	Per Cent
Are Excused from Physical Education	3	25%
Are Not Excused from Physical Education	9	75%
Totals	12	100%

Extra Compensation for Coaching:

Women coaches receive extra compensation for coaching in nine schools. Twenty-two schools do not give women coaches extra compensation.

There are just two schools in which the women coaches have a lighter teaching program in place of extra compensation. In nineteen schools, the women coaches do not have either one. One school did not answer this question.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	9	29%
Do Not Give Extra Compensation	22	71%
Totals	31	100%

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education

	Number	Per Cent
Are Excused from Physical Education	3	25%
Are Not Excused from Physical Education	9	75%
Totals	12	100%

Extra Compensation for Coaching:

Women coaches receive extra compensation for coaching in nine schools. Twenty-two schools do not give women coaches extra compensation.

There are just two schools in which the women coaches have a lighter teaching program in place of extra compensation. In nineteen schools, the women coaches do not have either one. One school did not answer this question.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	9	29%
Do Not Give Extra Compensation	22	71%
Totals	31	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Teaching Program to Women Coaches

	Number	Per Cent
Have a Lighter Teaching Program	2	9%
Do Not Have a Lighter Teaching Program	19	86%
Did Not Answer	1	5%
Totals	22	100%

Average Number of Teachers and Teaching Hours:

In this section, there is an average of two women teachers in the physical education departments.

The physical education teachers in the schools of this size have an average of twenty-six hours of teaching a week.

TABLE XII

A

Number and Per Cent of Teachers in The Physical Education Department

No. of Teachers	No. of Schools	Per Cent
1	8	26%
2	16	52%
3	6	19%
4	1	3%
	31	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Teaching Program to Women Coaches

	Number	Per Cent
Have a Lighter Teaching Program	2	9%
Do Not Have a Lighter Teaching Program	19	86%
Did Not Answer	1	5%
Totals	22	100%

Average Number of Teachers and Teaching Hours:

In this section, there is an average of two women teachers in the physical education departments.

The physical education teachers in the schools of this size have an average of twenty-six hours of teaching a week.

TABLE XII

A

Number and Per Cent of Teachers in The Physical Education Department

No. of Teachers	No. of Schools	Per Cent
1	8	26%
2	16	52%
3	6	19%
4	1	3%
	31	100%

TABLE XII

B

Number and Per Cent of Teaching Hours Per Week

Number of Teaching Hours	No. of Schools	Per Cent
10 - 14	2	6.1%
15 - 19	4	12.1%
20 - 24	10	30.3%
25 - 29	6	18.2%
30 - 34	7	21.2%
35 - 39	1	3 %
40 - 44	2	6.1%
No Answer	1	3. %
	33	100%

Professional Courses:

Twenty-three teachers in this section have taken professional courses in physical education. Nine teachers did not answer this question.

TABLE XIII

A

Number and Per Cent of Teachers Who Have or Have Not Taken Professional Courses in Physical Education

	Number	Per Cent
Have Taken Courses	23	72%
Did Not Answer	9	28%
Totals	32	100%

TABLE XII

B

Number and Per Cent of Teaching Hours Per Week

Number of Teaching Hours	No. of Schools	Per Cent
10 - 14	2	8.1%
15 - 19	4	12.1%
20 - 24	10	30.3%
25 - 29	6	18.2%
30 - 34	7	21.2%
35 - 39	1	3
40 - 44	2	6.1%
No Answer	1	3. %
	33	100%

Professional Courses:

Twenty-three teachers in this section have taken professional courses in physical education. Nine teachers did not answer this question.

TABLE XIII

A

Number and Per Cent of Teachers Who Have or Have Not Taken Professional Courses in Physical Education

	Number	Per Cent
Have Taken Courses	23	72%
Did Not Answer	9	28%
Totals	32	100%

TABLE XIII

B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
8	1	3.1%
10	1	3.1%
30	2	6.3%
72	1	3.1%
80	1	3.1%
86	1	3.1%
100	1	3.1%
120	1	3.1%
700 plus	2	6.3%
Sargent College Graduate	4	12.6%
Sargent Coll. Grad. and M. S.	1	3.1%
Sargent School Diploma and B.U.Grad.	1	3.1%
Sargent School Diploma	1	3.1%
B. S. in P. E. and 25 Grad. Hours	1	3.1%
Bouve Grad. and Ed. M.	1.	3.1%
Major in Physical Education	1	3.1%
Undetermined	2	6.3%
No Answer	9	28.2%
	32	100%

Degrees:

Thirty teachers in schools of this size have degrees. An additional five teachers do not have degrees. Two teachers failed to answer the question. Three schools reported the degrees held by each teacher in the department.

In this section, fifteen teachers have Bachelors' Degrees and fifteen teachers have Masters' Degrees. Two teachers stated that they have Masters' Degrees, but failed to state their previous degrees.

TABLE XIII

B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
8	1	3.1%
10	1	3.1%
30	2	6.5%
72	1	3.1%
80	1	3.1%
86	1	3.1%
100	1	3.1%
120	1	3.1%
700 plus	2	6.5%
Sargent College Graduate	4	12.6%
Sargent Coll. Grad. and M. S.	1	3.1%
Sargent School Diploma and B.U.Grad.	1	3.1%
Sargent School Diploma	1	3.1%
B. S. in P. E. and 25 grad. Hours	1	3.1%
Some Grad. and MA. M.	1	3.1%
Major in Physical Education	1	3.1%
Undetermined	2	6.5%
No Answer	9	28.2%
	32	100%

Degrees:

Thirty teachers in schools of this size have degrees. An additional five teachers do not have degrees. Two teachers failed to answer the question. Three schools reported the degrees held by each teacher in the department.

In this section, fifteen teachers have Bachelors' Degrees and fifteen teachers have Masters' Degrees. Two teachers stated that they have Masters' Degrees, but failed to state their previous degrees.

TABLE XIV

A

Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
Have a Degree	30	81%
Do Not Have A Degree	5	14%
Did Not Answer	2	5%
Totals	37	100%

TABLE XIV

B

Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers	Per Cent
B. S. in Education	5	13.5%
B. S. in Physical Education	9	24.4%
B. S. in Education and LL. B.	1	2.7%
B. S. in Education and Ed. M.	7	18.9%
B. S. in Physical Education and A. M.	2	5.4%
B. S. in Physical Education and Ed. M.	2	5.4%
B. S. in Physical Education and M. S.	1	2.7%
Sargent Graduate and A. M.	1	2.7%
A. M.	1	2.7%
Ed. M.	1	2.7%
No Degree	5	13.5%
No Answer	2	5.4%
	37	100%

TABLE XIV

A

Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
Have a Degree	30	81%
Do Not Have A Degree	5	14%
Did Not Answer	2	5%
Totals	37	100%

TABLE XIV

B

Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers	Per Cent
B. S. in Education	5	13.5%
B. S. in Physical Education	9	24.4%
B. S. in Education and M. E.	1	2.7%
B. S. in Education and Ed. M.	7	18.9%
B. S. in Physical Education and A. M.	2	5.4%
B. S. in Physical Education and Ed. M.	2	5.4%
B. S. in Physical Education and M. S.	1	2.7%
Sargent Graduate and A. M.	1	2.7%
A. M.	1	2.7%
Ed. M.	1	2.7%
No Degree	5	13.5%
No Answer	2	5.4%
	37	100%

CHAPTER VI

A COMPILATION OF THE TOTAL RESULTS

Of the total number of returned questionnaires, 121 schools reported having a required program of girls' physical education. Thirty-two schools do not have a required program. Seventy-nine per cent have a required program and twenty-one per cent do not.

TABLE I

Number and Per Cent of Schools That Do or Do Not Have A Required Program of Physical Education for Girls

	Number	Per Cent
Have A Required Program	121	79%
Do Not Have A Required Program	32	21%
Totals	153	100%

Elective Program:

Two schools reported having an elective program in physical education for girls. One school offers an elective program in physical education during each year of high school. The other school offers an elective program in the senior year, only. Thirty-one schools do not maintain a program on an elective basis. Three per cent have an elective program during each year of high school. Three per cent offer an elective program for seniors, only. Ninety-four per cent do not conduct a physical education program on an elective basis.

CHAPTER VI

A COMPILATION OF THE TOTAL RESULTS

Of the total number of returned questionnaires, 121 schools reported having a required program of girls' physical education. Thirty-two schools do not have a required program. Seventy-nine per cent have a required program and twenty-one per cent do not.

TABLE I

Number and Per Cent of Schools That Do or Do Not Have A Required Program of Physical Education for Girls

	Number	Per Cent
Have A Required Program	121	79%
Do Not Have A Required Program	32	21%
Totals	153	100%

Elective Program:

Two schools reported having an elective program in physical education for girls. One school offers an elective program in physical education during each year of high school. The other school offers an elective program in the senior year, only. Thirty-one schools do not maintain a program on an elective basis. Three per cent have an elective program during each year of high school. Three per cent offer an elective program for seniors, only. Ninety-four per cent do not conduct a physical education program on an elective basis.

Required Physical Education:

The girls are required to take physical education during each year of high school in 103 schools. In 50 high schools, girls' physical education is not required each year.

Two schools require girls' physical education in the freshman year, only. In one school, physical education is required during the freshman year and the first semester of the sophomore year. Six schools require the girls to take physical education during the freshman and sophomore years. In three schools, the requirement is the first three years of high school. In one school, girls' physical education is required in the freshman and junior years. Physical education for girls is required during the sophomore and junior years in two schools. One school requires physical education in the freshman and senior years. The program of physical education for girls is not required in 14 schools. There is no program in 20 schools.

Credit in physical education is required for graduation in 67 schools. In 50 schools, credit in physical education is not required for graduation. Five schools failed to answer this question.

TABLE II

A

(See next page)

Required Physical Education:

The girls are required to take physical education during each year of high school in 103 schools. In 50 high schools, girls' physical education is not required each year.

Two schools require girls' physical education in the freshmen year, only. In one school, physical education is required during the freshmen year and the first semester of the sophomore year. Six schools require the girls to take physical education during the freshmen and sophomore years. In three schools, the requirement is the first three years of high school. In one school, girls' physical education is required in the freshmen and junior years. Physical education for girls is required during the sophomore and junior years in two schools. One school requires physical education in the freshmen and senior years. The program of physical education for girls is not required in 14 schools. There is no program in 20 schools.

Credit in physical education is required for graduation in 67 schools. In 50 schools, credit in physical education is not required for graduation. Five schools failed to answer this question.

TABLE II

A

(See next page)

TABLE II

A

Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	103	67%
Not Required each year	50	33%
Totals	153	100%

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
Required in freshman year	2	4%
Required in freshman and 1st semester of sophomore year	1	2%
Required in freshman and sophomore years	6	12%
Required in freshman and junior years	1	2%
Required in freshman and senior years	1	2%
Required in freshman, sophomore, and junior years	3	6%
Required in sophomore and junior years	2	4%
Not required	14	28%
No program	20	40%
	50	100%

TABLE II

C

(See next page)

TABLE II

A

Number and Per Cent of Schools That Do or Do Not Require Physical Education During Each Year of High School

	Number	Per Cent
Required each year	103	67%
Not Required each year	50	33%
Totals	153	100%

TABLE II

B

Number and Per Cent of Schools That Have Other Requirements

	Number	Per Cent
Required in freshman year	2	4%
Required in freshman and last semester of sophomore year	1	2%
Required in freshman and sophomore years	6	12%
Required in freshman and junior years	1	2%
Required in freshman and senior years	1	2%
Required in freshman, sophomore, and junior years	3	6%
Required in sophomore and junior years	2	4%
Not required	14	28%
No program	20	40%
	50	100%

TABLE II

C

(See next page)

TABLE II

C

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is Required	67	55%
Credit is Not Required	50	41%
Did Not Answer	5	4%
Totals	122	100%

Classification:

The girls are classified according to grade level in 59 schools. Two schools use physical or motor ability tests and grade level as a means of classifying the girls. One school attempts to classify the girls according to grade level as nearly as possible, but some classes do have a mixture of grade levels. In 60 schools, there is no method of classification, that is, the classes are mixed.

TABLE III

Classification of Girls

	Number	Per Cent
Grade Level	59	48%
Grade Level and Use of Physical or Motor Ability Tests	2	2%
Mixed Classes	60	49%
Grade Level and Mixed Classes	1	1%
Totals	122	100%

TABLE II

6

Number and Per Cent of Schools That Do or Do Not Require Credit in Physical Education for Graduation

	Number	Per Cent
Credit is Required	67	55%
Credit is Not Required	50	41%
Did Not Answer	5	4%
Totals	122	100%

Classification:

The girls are classified according to grade level in 59 schools. Two schools use physical or motor ability tests and grade level as a means of classifying the girls. One school attempts to classify the girls according to grade level as nearly as possible, but some classes do have a mixture of grade levels. In 50 schools, there is no method of classification, that is, the classes are mixed.

TABLE III

Classification of Girls

	Number	Per Cent
Grade Level	59	48%
Grade Level and Use of Physical or Motor Ability Tests	3	2%
Mixed Classes	60	49%
Grade Level and Mixed Classes	1	1%
Totals	122	100%

Average Number and Length of Periods:

Throughout the state, the average number of required periods a week is two.

The average length of required physical education periods is 48 minutes.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for Girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
0	1	1 %	30 - 34	2	2%
1	9	7 %	35 - 39	3	2%
1 - 5	1	1 %	40 - 44	36	29%
2	78	63 %	45 - 49	44	36%
2 - 3	2	1.6%	50 - 54	21	17%
3	19	15.4%	55 - 59	5	4%
4	3	2.4%	60 - 64	9	7%
5	3	2.4%	65 - 69	0	0
1 Dbl.	1	1 %	70 - 74	0	0
3--1 week)			75 - 79	0	0
2--next)	2	1.6%	80 - 84	1	1%
2-Soph.;Jr.)			85 - 89	1	1%
1-Senior)	2	1.6%	90 - 94	1	1%
3--Soph.)					
2--Jr.;Sr.)	1	1 %			
3--Soph.)					
2--Jr.)					
1--Sr.)	1	1 %			
	123	100%		123	100%

Health Education:

Twenty schools of this total group schedule health education during the physical education periods. Health education is not scheduled during the physical education periods in 101 schools. Two schools did not answer this question.

Average Number and length of periods:

Throughout the state, the average number of required periods a week is two.

The average length of required physical education periods is 48 minutes.

TABLE IV

Number, Length, and Per Cent of Required Periods of Physical Education for Girls

No. of Periods	No. of Schools	Per Cent	No. of Minutes	No. of Schools	Per Cent
0	1	1 %	30 - 34	2	2%
1	9	7 %	35 - 39	3	2%
1 - 5	1	1 %	40 - 44	36	29%
2	78	65 %	45 - 49	44	36%
2 - 3	2	1.6%	50 - 54	21	17%
3	19	15.4%	55 - 59	5	4%
4	3	2.4%	60 - 64	9	7%
5	3	2.4%	65 - 69	0	0
1 Dbl.	1	1 %	70 - 74	0	0
3--1 week)			75 - 79	0	0
2--next)	2	1.6%	80 - 84	1	1%
2-Soph.;Jr.)			85 - 89	1	1%
1-Senior)	2	1.6%	90 - 94	1	1%
3--Soph.)					
2--Jr.;Sr.)	1	1 %			
3--Soph.)					
2--Jr.)					
1--Sr.)	1	1 %			
	123	100%		123	100%

Health Education:

Twenty schools of this total group schedule health education during the physical education periods. Health education is not scheduled during the physical education periods in 101 schools. Two schools did not answer this question.

TABLE V

Number and Per Cent of Schools That Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Is Scheduled	20	16%
Is Not Scheduled	101	82%
Did Not Answer	2	2%
Totals	123	100%

Average Number of Pupils In The Smallest and Largest Classes:

Fifty pupils are the average number in the largest classes, while 26 pupils are the average number in the smallest classes.

TABLE VI

Number and Per Cent of Pupils in The Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
5 - 14	1	1 %	5 - 14	24	20 %
15 - 24	6	4.8%	15 - 24	46	39 %
25 - 34	28	22.8%	25 - 34	23	19.4%
35 - 44	22	17.8%	35 - 44	8	6.8%
45.- 54	24	19.5%	45 - 54	8	6.8%
55 - 64	14	11 %	55 - 64	3	2.5%
65 - 74	8	6.5%	65 - 74	3	2.5%
75 - 84	5	4 %	75 - 84	1	1 %
85 - 94	3	2.4%	85 - 94	0	0
95 - 104	5	4 %	95 - 104	0	0
105 - 114	2	1.6%	105 - 114	1	1 %
115 - 124	1	1 %	No Answer	1	1 %
125 - 134	0	0			
135 - 144	1	1 %			
145 - 154	2	1.6%			
200	1	1 %			
	123	100%		118	100%

TABLE V

Number and Per Cent of Schools That Do or Do Not Schedule Health Education During the Physical Education Periods

	Number	Per Cent
Is Scheduled	20	16%
Is Not Scheduled	101	82%
Did Not Answer	2	2%
Totals	123	100%

Average Number of Pupils In The Smallest and Largest Classes:

Fifty pupils are the average number in the largest classes, while 26 pupils are the average number in the smallest classes.

TABLE VI

Number and Per Cent of Pupils in The Largest and Smallest Classes in Physical Education

No. of Pupils Largest Class	No. of Schools	Per Cent	No. of Pupils Smallest Class	No. of Schools	Per Cent
5 - 14	1	1 %	5 - 14	24	20 %
15 - 24	6	4.8%	15 - 24	46	39 %
25 - 34	28	22.8%	25 - 34	23	19.4%
35 - 44	22	17.8%	35 - 44	8	6.8%
45 - 54	24	19.8%	45 - 54	8	6.8%
55 - 64	14	11 %	55 - 64	3	2.5%
65 - 74	8	6.5%	65 - 74	3	2.5%
75 - 84	5	4 %	75 - 84	1	1 %
85 - 94	3	2.4%	85 - 94	0	0
95 - 104	5	4 %	95 - 104	0	0
105 - 114	2	1.6%	105 - 114	1	1 %
115 - 124	1	1 %	No Answer	1	1 %
125 - 134	0	0			
135 - 144	1	1 %			
145 - 154	2	1.6%			
200	1	1 %			
	125	100%		118	100%

Physical Examinations:

The girls are required to have a physical examination each year before participating in the physical education program in 87 schools. Forty-seven schools do not require a physical examination. This question was unanswered by two schools.

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	87	60%
Do Not Require a Physical Examination	47	32%
Did Not Answer	11	8%
Totals	145	100%

Showers:

In 102 schools, there are shower facilities and in 37 schools there are no facilities. Six schools did not answer this question.

Girls are required to take showers after each class in physical education in 39 schools. Eighty-four schools do not require the girls to take showers after each class.

TABLE VIII

A

(See next page)

Physical Examinations:

The girls are required to have a physical examination each year before participating in the physical education program in 87 schools. Forty-seven schools do not require a physical examination. This question was unanswered by two schools.

TABLE VII

Number and Per Cent of Schools That Do or Do Not Require Physical Examinations

	Number	Per Cent
Require a Physical Examination	87	60%
Do Not Require a Physical Examination	47	32%
Did Not Answer	11	8%
Totals	145	100%

Showers:

In 102 schools, there are shower facilities and in 37 schools there are no facilities. Six schools did not answer this question.

Girls are required to take showers after each class in physical education in 39 schools. Eighty-four schools do not require the girls to take showers after each class.

TABLE VIII

A

(See next page)

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	102	70%
Do Not Have Shower Facilities	37	26%
Did not Answer	6	4%
Totals	145	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	39	32%
Do Not Require Showers	84	68%
Totals	123	100%

After School Activities:

Three days a week is the average number of days that after school activities are offered.

TABLE IX

(See next page)

TABLE VIII

A

Number and Per Cent of Schools That Do or Do Not Have Shower Facilities

	Number	Per Cent
Have Shower Facilities	102	70%
Do Not Have Shower Facilities	37	26%
Did not Answer	6	4%
Totals	145	100%

TABLE VIII

B

Number and Per Cent of Schools That Require or Do Not Require Showers

	Number	Per Cent
Require Showers	39	32%
Do Not Require Showers	84	68%
Totals	123	100%

After School Activities:

Three days a week is the average number of days that after school activities are offered.

TABLE IX

(See next page)

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	8	5.5%
1	6	4.1%
1 - 2	1	1 %
2	30	20.6%
2 - 5	1	1 %
3	16	11 %
3 - 4	4	2.7%
4	34	23 %
4 - 5	3	2 %
4 and 1 Sat. per month	1	1 %
5	16	11 %
2 - 4	1	1 %
2 - 3	4	2.7%
No Answer	18	12.4%
No Program	2	1 %
	145	100%

Interscholastic and Intramural Programs:

A girls' intramural program is conducted in 90 schools throughout the state. Forty-eight schools do not have a girls' intramural program. No answer was received from seven schools.

In 106 schools there is a girls' interscholastic program. An interscholastic program is not maintained in 35 schools. Four schools did not answer this question.

Nineteen schools excuse the girls on varsity teams from physical education for that particular season and 69 schools do not. Four schools failed to answer this question.

TABLE IX

Number and Per Cent of Days After School Activities Are Offered in Physical Education

Number of Days	No. of Schools	Per Cent
0	8	5.5%
1	6	4.1%
1 - 2	1	1
2	30	20.6%
2 - 3	1	1
3	16	11
3 - 4	4	2.7%
4	34	23
4 - 5	3	2
4 and 1 Sat. per month	1	1
5	16	11
2 - 4	1	1
2 - 3	4	2.7%
No Answer	18	12.4%
No Program	2	1
	145	100%

Interscholastic and Intramural Programs:

A girls' intramural program is conducted in 90 schools throughout the state. Forty-eight schools do not have a girls' intramural program. No answer was received from seven schools.

In 105 schools there is a girls' interscholastic program. An interscholastic program is not maintained in 35 schools. Four schools did not answer this question.

Nineteen schools excuse the girls on varsity teams from physical education for that particular season and 89 schools do not. Four schools failed to answer this question.

TABLE X

A

Number and Per Cent of Schools That Do or Do Not Have An Intramural Program

	Number	Per Cent
Have an Intramural Program	90	62%
Do Not Have An Intramural Program	48	33%
Did Not Answer	7	5%
Totals	145	100%

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	106	73%
Do Not Have an Interscholastic Program	35	24%
Did Not Answer	4	3%
Totals	145	100%

TABLE X

C

(See next page)

TABLE X

A

Number and Per Cent of Schools That Do or Do Not Have
An Intramural Program

	Number	Per Cent
Have an Intramural Program	90	62%
Do Not Have An Intramural Program	48	33%
Did Not Answer	7	5%
Totals	145	100%

TABLE X

B

Number and Per Cent of Schools That Do or Do Not Have
An Interscholastic Program

	Number	Per Cent
Have an Interscholastic Program	108	75%
Do Not Have an Interscholastic Program	33	24%
Did Not Answer	4	3%
Totals	145	100%

TABLE X

C

(See next page)

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education

	Number	Per Cent
Are Excused from Physical Education	19	21%
Are Not Excused from Physical Education	69	75%
Did Not Answer	4	4%
Totals	92	100%

Extra Compensation for Coaching:

Women coaches receive extra compensation in 42 schools. Women coaches do not receive extra compensation in 98 schools. Five coaches did not answer this question.

In 11 schools, the women coaches have a lighter teaching program in place of extra compensation. In 79 schools, the coaches do not have a lighter teaching program or receive extra compensation. This question was unanswered by eight coaches.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	42	29%
Do Not Give Extra Compensation	98	68%
Did Not Answer	5	3%
Totals	145	100%

TABLE X

C

Number and Per Cent of Schools That Do or Do Not Have Girls on Varsity Teams Excused from Physical Education

	Number	Per Cent
Are Excused from Physical Education	19	21%
Are Not Excused from Physical Education	69	73%
Did Not Answer	4	4%
Totals	92	100%

Extra Compensation for Coaching:

Women coaches receive extra compensation in 4[illegible] schools. Women coaches do not receive extra compensation in 9[illegible] schools. Five coaches did not answer this question.

In 11 schools, the women coaches have a lighter teaching program in place of extra compensation. In 79 schools, the coaches do not have a lighter teaching program or receive extra compensation. This question was answered by eight coaches.

TABLE XI

A

Number and Per Cent of Schools Giving Extra Compensation to Women Coaches

	Number	Per Cent
Give Extra Compensation	42	29%
Do Not Give Extra Compensation	98	68%
Did Not Answer	5	3%
Totals	145	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Teaching Program to Women Coaches

	Number	Per Cent
Have a Lighter Teaching Program	11	11%
Do Not Have A Lighter Teaching Program	79	81%
Did Not Answer	8	8%
Totals	98	100%

Average Number of Teachers and Teaching Hours:

Throughout the state, there is an average of one woman teacher in the high school departments of physical education. Men teach girls' physical education in five schools.

The women physical education teachers average 21 hours of teaching a week.

TABLE XII

A

Number and Per Cent of Teachers in The Physical Education Department

No. of Teachers	No. of Schools	Per Cent
0	5	4%
1	83	67%
2	28	23%
3	6	5%
4	1	1%
	123	100%

TABLE XI

B

Number and Per Cent of Schools Giving A Lighter Teaching Program to Women Coaches

	Number	Per Cent
Have a Lighter Teaching Program	11	12%
Do Not Have A Lighter Teaching Program	79	81%
Did Not Answer	8	8%
Totals	98	100%

Average Number of Teachers and Teaching Hours:

Throughout the state, there is an average of one woman teacher in the high school departments of physical education. Men teach girls' physical education in five schools.

The women physical education teachers average 21 hours of teaching a week.

TABLE XII

A

Number and Per Cent of Teachers in The Physical Education Department

No. of Teachers	No. of Schools	Per Cent
0	5	4%
1	85	67%
2	29	23%
3	6	5%
4	1	1%
	125	100%

TABLE XII

B

Number and Per Cent of Teaching Hours Per Week

Number of Teaching Hours	No. of Schools	Per Cent
0 - 4	11	9%
5 - 9	10	8%
10 - 14	6	5%
15 - 19	17	13%
20 - 24	22	17%
25 - 29	23	18%
30 - 34	20	16%
35 - 39	5	4%
40 - 44	5	4%
No Answer	8	6%
	127	100%

Professional Courses:

Eighty-three women teachers of physical education have taken professional courses in this field. Fourteen women teachers have failed to take professional courses in this field. Forty-eight teachers neglected to answer this question.

TABLE XIII

A

Number and Per Cent of Teachers Who Have or Have Not Taken Professional Courses in Physical Education

	Number	Per Cent
Have Taken Courses	83	57%
Have Not Taken Courses	14	10%
Did Not Answer	48	33%
Totals	145	100%

TABLE XII

B

Number and Per Cent of Teaching Hours Per Week

Number of Teaching Hours	No. of Schools	Per Cent
0 - 4	11	9%
5 - 9	10	8%
10 - 14	8	5%
15 - 19	17	13%
20 - 24	22	17%
25 - 29	23	18%
30 - 34	20	16%
35 - 39	5	4%
40 - 44	5	4%
No Answer	0	6%
	127	100%

Professional Courses:

Eighty-three women teachers of physical education have taken professional courses in this field. Fourteen women teachers have failed to take professional courses in this field. Forty-eight teachers neglected to answer this question.

TABLE XIII

A

Number and Per Cent of Teachers Who Have or Have Not Taken Professional Courses in Physical Education

	Number	Per Cent
Have Taken Courses	83	57%
Have Not Taken Courses	14	10%
Did Not Answer	48	33%
Totals	145	100%

TABLE XIII

B

Number and Per Cent of Teachers Who Have Taken Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
0 - 9	35	24%
10 - 19	3	2%
20 - 29	0	0
30 - 39	8	5%
40 - 49	0	0
50 - 59	3	2%
60 - 69	0	0
70 - 79	1	1%
80 - 89	2	1%
90 - 99	3	2%
100 -109	2	1%
110 -119	0	0
120 -129	1	1%
230	1	1%
700 plus	2	1%
Physical Education Major	10	7%
Sargent College Graduate	11	7%
Sargent College Graduate and 27 Grad. Hrs.	1	1%
Sargent College Graduate and M. S.	1	1%
Sargent School Diploma	2	1%
Sargent School Diploma and 30 hours	2	1%
Bouve Graduate	1	1%
Bouve Graduate and 3 hours	1	1%
Bouve Graduate and Ed. M.	1	1%
B. S. in Physical Education and 25 Gr. Hrs.	1	1%
2 Years of Physical Education School	1	1%
3 Years of Physical Education School	1	1%
Undetermined	3	2%
No Answer	48	33%
	145	100%

Degrees:

Of the total number of teachers who returned the questionnaire, 129 have degrees and 14 do not. Eight teachers failed to state whether or not they possess degrees.

TABLE XIII

B

Number and Per Cent of Teachers Who Have Taken
Semester Hours in Professional Physical Education Courses

No. of Hours	No. of Teachers	Per Cent
0 - 9	35	24%
10 - 19	3	2%
20 - 29	0	0
30 - 39	8	5%
40 - 49	0	0
50 - 59	3	2%
60 - 69	0	0
70 - 79	1	1%
80 - 89	2	1%
90 - 99	3	2%
100 -109	5	1%
110 -119	0	0
120 -129	1	1%
230	1	1%
700 plus	2	1%
Physical Education Major	10	7%
Sargent College Graduate	11	7%
Sargent College Graduate and 27 Grad. Hrs.	1	1%
Sargent College Graduate and M. S.	1	1%
Sargent School Diploma	2	1%
Sargent School Diploma and 30 hours	2	1%
Bouve Graduate	1	1%
Bouve Graduate and 3 hours	1	1%
Bouve Graduate and Ed. M.	1	1%
B. S. in Physical Education and 25 Gr. Hrs.	1	1%
2 Years of Physical Education School	1	1%
3 Years of Physical Education School	1	1%
Undetermined	3	2%
No Answer	48	33%
	145	100%

Degrees:

Of the total number of teachers who returned the questionnaire, 129 have degrees and 14 do not. Eight teachers failed to state whether or not they possess degrees.

One hundred and one teachers have Bachelors' Degrees Twenty-seven teachers have Masters' Degrees. One teacher has a Degree of Doctor of Philosophy.

TABLE XIV

A

Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
Have a Degree	129	85.5%
Do Not Have a Degree	14	9.3%
Did Not Answer	8	5.2%
Totals	151	100%

TABLE XIV

B

Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers	Per Cent
B. S. in Education	44	29.1%
B. S. in Physical Education	31	20.5%
B. S.	4	2.7%
B. S. in Science	1	.7%
B. S. in Commercial Education	1	.7%
Sargent Diploma and B. S.	1	.7%
B. S. in Education; B. S. in P. E.	2	1.3%
B. S. in Education and LL. B.	1	.7%
A. B.	15	9.9%
Physical Education Diploma and A. B.	1	.7%
B. S. in Education and Ed. M.	10	7 %
B. S. in Physical Education and Ed. M.	3	1.9%
B. S. in Physical Education and A. M.	2	1.3%
Sargent Graduate and A. M.	1	.7%
B. S. in Physical Education and M. S.	1	.7%
B. S. in Education and A. M.	2	1.3%
B. S. in Education; B. S. in P. E.; Ed. M.	1	.7%
B. S. in Education and A. M.	1	.7%

One hundred and one teachers have Bachelors' Degrees Twenty-seven teachers have Masters' Degrees. One teacher has a Degree of Doctor of Philosophy.

TABLE XIV

A

Number and Per Cent of Teachers Who Do or Do Not Have A Degree

	Number	Per Cent
Have a Degree	129	85.5%
Do Not Have a Degree	14	9.5%
Did Not Answer	8	5.2%
Totals	151	100%

TABLE XIV

B

Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers	Per Cent
B. S. in Education	44	29.1%
B. S. in Physical Education	31	20.5%
B. S.	4	2.7%
B. S. in Science	1	.7%
B. S. in Commercial Education	1	.7%
Sergeant Diploma and B. S.	1	.7%
B. S. in Education; B. S. in P. E.	2	1.3%
B. S. in Education and M. E.	1	.7%
A. B.	13	8.6%
Physical Education Diploma and A. B.	1	.7%
B. S. in Education and Ed. M.	10	7
B. S. in Physical Education and Ed. M.	3	1.9%
B. S. in Physical Education and A. M.	2	1.3%
Sergeant Graduate and A. M.	1	.7%
B. S. in Physical Education and M. S.	1	.7%
B. S. in Education and A. M.	2	1.3%
B. S. in Education; B. S. in P. E.; Ed. M.	1	.7%
B. S. in Education and A. M.	1	.7%

TABLE XIV
Continued--B

Number and Per Cent of Teachers Possessing Various Degrees

Degree	Teachers	Per Cent
A. B. and A. M.	1	.7%
Sargent Diploma; B. S. in Ed.; Ed. M.	1	.7%
A. M.	3	1.9%
Ed. M.	1	.7%
A. B.; A. M.; Ph. D.	1	.7%
No Degree	14	9 %
No Answer	8	5 %
	151	100%

TABLE XIV
Continued--B

Number and Per Cent of Teachers Possessing
Various Degrees

Degree	Teachers	Per Cent
A. B. and A. M.	1	.7%
Sargent Diploma; B. S. in Ed.; Ed. M.	1	.7%
A. M.	3	1.9%
Ed. M.	1	.7%
A. B.; A. M.; Ph. D.	1	.7%
No Degree	14	9
No Answer	8	5
	151	100%

CHAPTER VII

SUMMARY AND CONCLUSIONS

The results of this survey show that the majority of the high schools in this state maintain a required program of physical education for girls. More than 50 per cent of the schools require credit in physical education for graduation.

In approximately 50 per cent of the schools, physical education is the last subject to be scheduled in the program. Therefore, these schools have a mixture of abilities, grade levels, and ages in the same physical education classes. This condition also is responsible for large classes.

Sixty per cent of the schools require the girls to have physical examinations prior to participating in the program. This represents more than half of the schools, but the other forty per cent should not be neglected.

Five men are teaching girls' physical education. The women's physical education positions were eliminated during the war and, as yet, women have not been hired to replace these men. However, each school expects to hire a woman instructor next year.

The results also indicate that only a few teachers lack degrees. However, due to financial reasons, most of the smaller cities and towns have one of the teachers in the high schools teach physical education. In some schools, they have girls' interscholastic athletics and call this the physical

CHAPTER VII

SUMMARY AND CONCLUSIONS

The results of this survey show that the majority of the high schools in this state maintain a required program of physical education for girls. More than 50 per cent of the schools require credit in physical education for graduation.

In approximately 50 per cent of the schools, physical education is the last subject to be scheduled in the program. Therefore, these schools have a mixture of abilities, grade levels, and ages in the same physical education classes. This condition also is responsible for large classes.

Sixty per cent of the schools require the girls to have physical examinations prior to participating in the program. This represents more than half of the schools, but the other forty per cent should not be neglected.

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The results also indicate that only a few teachers lack degrees. However, due to financial reasons, most of the smaller cities and towns have one of the teachers in the high schools teach physical education. In some schools, they have girls' interscholastic athletics and call this the physical

education program. Most of these coaches and teachers are untrained in physical education and have not bothered to take professional courses in this field. Standards should be set up to insure the hiring of trained and qualified teachers of physical education.

A further revision of the state physical education law would be desirable. Legislative requirements which have set minimum standards, at least, have been responsible for the establishment and maintenance of physical education programs in schools where, ordinarily, there would be no physical education programs. We, in Massachusetts, must at least set up minimum standards to accomplish this end.

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APPENDIX

April 13, 1948

Miss Eleanor Copley
Wellesley High School
Wellesley, Massachusetts

Dear Miss Copley:

The Massachusetts Association for Health, Physical Education, and Recreation has long felt the need for improving the present Physical Education law. Last fall, a committee was appointed to study the conditions and make recommendations for a new law.

I am making a survey for this committee in an effort to determine "The Status of Girls' Physical Education in the Public High Schools of Massachusetts."

I would appreciate your cooperation in filling out the enclosed questionnaire and returning it to me as soon as possible in the enclosed, self-addressed envelope.

Very truly yours,

Enc. 2

April 15, 1948

Miss Eleanor Copley
Wellesley High School
Wellesley, Massachusetts

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The Massachusetts Association for Health, Physical Education, and Recreation has long felt the need for improving the present Physical Education law. Last fall, a committee was appointed to study the conditions and make recommendations for a new law.

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QUESTIONNAIRE ON GIRLS' PHYSICAL EDUCATION

Name of School_____ No. of Girls_____

Filled out by_____ Date_____

Total Number of Pupils Enrolled_____

CHECK YES or NO

1. Do you have a required Physical Education program for girls? Yes____ No____

2. If the answer to question one(1) is no, is the Physical Education program for girls on an elective basis? Yes____ No____

3. Is Physical Education required for girls during each year of high school? Yes____ No____

4. If the answer to question three(3) is no, check the years that Physical Education is required for girls.

   ____Freshman ____Junior

   ____Sophomore ____Senior ____Not Required

5. Is credit in Physical Education required for graduation? Yes____ No____

6. How are your classes in girls' Physical Education classified?

   a. By Grade Level Yes____ No____

   b. By Physical or Motor Ability Tests Yes____ No____

   c. Any Other Method

   _____

   _____

   _____

7. How many periods a week of girls' Physical Education are required? _____

8. Is Health Education scheduled during the Physical Education periods? Yes____ No____

9. State the length of the girls' Physical Education periods. (In Minutes) _____

10. State the approximate number of girls in your largest class. _____

11. State the approximate number of girls in your smallest class. _____

12. Is each girl required to have a physical examination each year before participating in the Physical Education program? Yes____No____

13. Do you have shower facilities? Yes____No____

14. Are the girls required to take showers after each Physical Education class? Yes____No____

15. How many days a week do you offer after school activities? _____

16. Do you have an Intramural program for girls? Yes____No____

17. Do you have an Interscholastic program for girls? Yes____No____

18. If the answer to question seventeen(17) is yes, are the girls on the varsity teams excused from the Physical Education program for that season? Yes____No____

19. Do you receive extra compensation for coaching? (Woman Coach) Yes____No____

20. If the answer to question nineteen(19) is no, do you have a lighter teaching load? Yes____No____

21. How many women teachers are in the Physical Education Department? (High School) _____

22. What is the total number of teaching hours per woman teacher in the Physical Education Department? _____

23. How many semester hours have you taken in professional courses in Physical Education? _____

24. Which of the following degrees do you possess?

____No Degree ____B.S. in Physical Education

____B.S. in Education ____Master of Education

Any Other ____Master of Arts

_____

_____

_____

25. Would you like to receive a copy of the results of this survey? Yes____No____

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